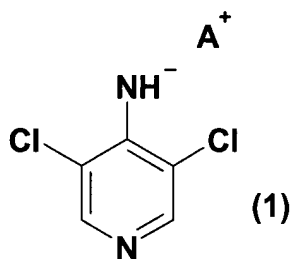


**Appendix A**

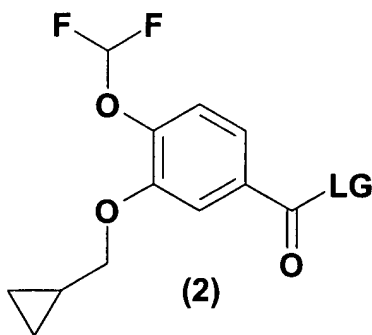
**Claim Amendments**

1-21. (Canceled)

22. (New) A process for the preparation of roflumilast by reacting an anion of 4-amino-3,5-dichloropyridine (1)



in which  $A^+$  is a potassium cation, with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2),



in which LG is a suitable leaving group selected from a chlorine atom, a bromine atom or a radical of the formula  $OC(O)-1-4C\text{-alkyl}$ , wherein

- (a) the molar ratio of the employed anion of 4-amino-3,5-dichloropyridine (1) to the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is at least 1.8 and at most 2.7,
- (b) the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in a solvent selected from dimethylformamide or N-methylpyrrolidone,
- (c) the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 0°C and the boiling point of the solvent used, and
- (d) K<sup>+</sup>OT<sup>-</sup>Bu is used to prepare the anion of 4-amino-3,5-dichloropyridine (1).

**23.** (New) The process according to Claim 22, wherein the molar ratio of the employed anion of 4-amino-3,5-dichloropyridine (1) to the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is at least 2 and at most 2.5.

**24.** (New) The process according to Claim 22, wherein the molar ratio of the employed anion of 4-amino-3,5-dichloropyridine (1) to the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 2.2.

**25.** (New) The process according to Claim 22, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in dimethylformamide.

**26.** (New) The process according to Claim 22, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in N-methylpyrrolidone.

**27.** (New) The process according to Claim 22, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**28.** (New) The process according to Claim 25, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**29.** (New) The process according to Claim 26, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-

methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**30.** (New) The process according to Claim 22, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**31.** (New) The process according to Claim 25, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**32.** (New) The process according to Claim 26, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**33.** (New) The process according to Claim 22, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**34.** (New) The process according to Claim 25, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**35.** (New) The process according to Claim 26, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**36.** (New) The process according to Claim 27, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**37.** (New) The process according to Claim 28, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**38.** (New) The process according to Claim 29, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**39.** (New) The process according to Claim 30, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**40.** (New) The process according to Claim 31, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**41.** (New) The process according to Claim 32, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**42.** (New) The process according to Claim 22, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**43.** (New) The process according to Claim 25, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**44.** (New) The process according to Claim 26, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**45.** (New) The process according to Claim 27, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**46.** (New) The process according to Claim 28, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**47.** (New) The process according to Claim 29, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**48.** (New) The process according to Claim 30, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**49.** (New) The process according to Claim 31, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**50.** (New) The process according to Claim 32, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**51.** (New) The process according to Claim 22, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**52.** (New) The process according to Claim 25, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**53.** (New) The process according to Claim 26, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**54.** (New) The process according to Claim 27, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**55.** (New) The process according to Claim 28, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**56.** (New) The process according to Claim 29, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**57.** (New) The process according to Claim 30, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**58.** (New) The process according to Claim 31, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**59.** (New) The process according to Claim 32, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**60.** (New) The process according to Claim 34, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**61.** (New) The process according to Claim 35, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**62.** (New) The process according to Claim 37, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**63.** (New) The process according to Claim 38, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**64.** (New) The process according to Claim 40, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**65.** (New) The process according to Claim 41, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**66.** (New) The process according to Claim 43, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**67.** (New) The process according to Claim 44, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the

ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**68.** (New) The process according to Claim 46, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**69.** (New) The process according to Claim 47, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**70.** (New) The process according to Claim 49, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**71.** (New) The process according to Claim 50, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**72.** (New) The process according to Claim 52, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**73.** (New) The process according to Claim 53, further comprising the step of

recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**74.** (New) The process according to Claim 55, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**75.** (New) The process according to Claim 56, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**76.** (New) The process according to Claim 58, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**77.** (New) The process according to Claim 59, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**78.** (New) The process according to Claim 23, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in dimethylformamide.

**79.** (New) The process according to Claim 23, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in N-methylpyrrolidone.

**80.** (New) The process according to Claim 23, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**81.** (New) The process according to Claim 78, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**82.** (New) The process according to Claim 79, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**83.** (New) The process according to Claim 23, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-

methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**84.** (New) The process according to Claim 78, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**85.** (New) The process according to Claim 79, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropyl-methoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**86.** (New) The process according to Claim 23, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**87.** (New) The process according to Claim 78, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**88.** (New) The process according to Claim 79, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**89.** (New) The process according to Claim 80, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**90.** (New) The process according to Claim 81, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**91.** (New) The process according to Claim 82, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**92.** (New) The process according to Claim 83, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**93.** (New) The process according to Claim 84, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**94.** (New) The process according to Claim 85, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**95.** (New) The process according to Claim 23, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**96.** (New) The process according to Claim 78, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**97.** (New) The process according to Claim 79, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**98.** (New) The process according to Claim 80, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**99.** (New) The process according to Claim 81, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**100.** (New) The process according to Claim 82, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**101.** (New) The process according to Claim 83, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**102.** (New) The process according to Claim 84, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**103.** (New) The process according to Claim 85, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**104.** (New) The process according to Claim 23, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**105.** (New) The process according to Claim 78, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**106.** (New) The process according to Claim 79, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**107.** (New) The process according to Claim 80, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**108.** (New) The process according to Claim 81, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**109.** (New) The process according to Claim 82, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**110. (New)** The process according to Claim 83, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**111. (New)** The process according to Claim 84, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**112. (New)** The process according to Claim 85, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**113. (New)** The process according to Claim 87, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**114. (New)** The process according to Claim 88, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**115. (New)** The process according to Claim 90, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**116. (New)** The process according to Claim 91, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**117. (New)** The process according to Claim 93, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**118. (New)** The process according to Claim 94, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**119. (New)** The process according to Claim 96, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**120. (New)** The process according to Claim 97, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**121. (New)** The process according to Claim 99, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the

ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**122.** (New) The process according to Claim 100, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**123.** (New) The process according to Claim 102, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**124.** (New) The process according to Claim 103, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**125.** (New) The process according to Claim 105, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**126.** (New) The process according to Claim 106, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**127.** (New) The process according to Claim 108, further comprising the step of

recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**128.** (New) The process according to Claim 109, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**129.** (New) The process according to Claim 111, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**130.** (New) The process according to Claim 112, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**131.** (New) The process according to Claim 24, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in dimethylformamide.

**132.** (New) The process according to Claim 24, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of

3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out in N-methylpyrrolidone.

**133.** (New) The process according to Claim 24, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**134.** (New) The process according to Claim 131, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**135.** (New) The process according to Claim 132, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 15°C and 40°C.

**136.** (New) The process according to Claim 24, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**137. (New)** The process according to Claim 131, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**138. (New)** The process according to Claim 132, wherein the reaction of the anion of 4-amino-3,5-dichloropyridine (1) with an activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is carried out at a temperature between 20°C and 30°C.

**139. (New)** The process according to Claim 24, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**140. (New)** The process according to Claim 131, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**141. (New)** The process according to Claim 132, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**142.** (New) The process according to Claim 133, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**143.** (New) The process according to Claim 134, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**144.** (New) The process according to Claim 135, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**145.** (New) The process according to Claim 136, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**146.** (New) The process according to Claim 137, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**147.** (New) The process according to Claim 138, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl chloride.

**148.** (New) The process according to Claim 24, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**149.** (New) The process according to Claim 131, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**150.** (New) The process according to Claim 132, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**151.** (New) The process according to Claim 133, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**152.** (New) The process according to Claim 134, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**153. (New)** The process according to Claim 135, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**154. (New)** The process according to Claim 136, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**155. (New)** The process according to Claim 137, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**156. (New)** The process according to Claim 138, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is 3-cyclopropylmethoxy-4-difluoromethoxybenzoyl bromide.

**157. (New)** The process according to Claim 24, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**158. (New)** The process according to Claim 131, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**159.** (New) The process according to Claim 132, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**160.** (New) The process according to Claim 133, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**161.** (New) The process according to Claim 134, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**162.** (New) The process according to Claim 135, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**163.** (New) The process according to Claim 136, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**164.** (New) The process according to Claim 137, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**165.** (New) The process according to Claim 138, wherein the activated derivative of 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid (2) is a 3-cyclopropylmethoxy-4-difluoromethoxybenzoic acid 1-4C-alkyl-ester.

**166.** (New) The process according to Claim 140, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**167.** (New) The process according to Claim 141, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**168.** (New) The process according to Claim 143, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**169.** (New) The process according to Claim 144, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**170. (New)** The process according to Claim 146, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**171. (New)** The process according to Claim 147, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**172. (New)** The process according to Claim 149, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**173. (New)** The process according to Claim 150, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**174. (New)** The process according to Claim 152, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**175. (New)** The process according to Claim 153, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the

ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**176. (New)** The process according to Claim 155, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**177. (New)** The process according to Claim 156, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**178. (New)** The process according to Claim 158, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**179. (New)** The process according to Claim 159, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**180. (New)** The process according to Claim 161, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**181. (New)** The process according to Claim 162, further comprising the step of

recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**182.** (New) The process according to Claim 164, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.

**183.** (New) The process according to Claim 165, further comprising the step of recrystallizing the roflumilast in a mixture of isopropanol and water wherein the ratio of isopropanol/water is between 85:15 and 100:0% by volume.